AMENDMENTS TO THE CLAIMS

1.   (Withdrawn) An encoded data structure comprising a body portion and a header portion, wherein the header portion comprises a data identifier for identifying the type of data in the body portion.

2.   (Withdrawn) An encoded data structure comprising a body portion including ring tone data and a header portion having a function of indexing the body portion, wherein the header portion comprises a data identifier for identifying whether the data in the body portion is ring tone data or not, the data identifier including a combination of data that exists only in ring tone data.

3.   (Withdrawn) The data structure according to claim 1 or 2, wherein the header portion further comprises an encryption identifier indicating whether or not the data in the body portion is encrypted.

4.   (Canceled)

5.   (Currently Amended) A cellular phone comprising

a code-reading terminal including an imaging device for optically imaging encoded data including a header portion and a body portion, said header portion including a data identifier indicating the type of data in the body portion;

a data identifying unit that recognizes said data identifier and estimates the type of said encoded data optically imaged by said imaging device based on said recognized data identifier; and

a control unit that reads the contents of said encoded data in a manner suited for the type of data estimated by said data identifying unit and reproduces the thus read data.

6. (Canceled)

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7.   (Canceled)

8.   (Currently Amended) A ring tone data code-reading terminal comprising:

an imaging device for optically imaging encoded data comprising a header portion and a body portion, said body portion including encoded ring tone data, and said header portion including a data identifier indicating the type of data in said body portion;

a data identifier unit for recognizing the data identifier and identifying the data type of the encoded data optically imaged by the imaging unit based on the recognized data identifier; and

a control unit for reading the contents of said encoded data in a manner suited for the type of data identified by said data identifying identifier unit and for reproducing the thus read ring tone data.

9.   (Original) A cellular phone comprising the code-reading terminal according to claim 8.

10.   (Canceled)

11.   (Currently Amended) A recording medium in which a program is recorded for causing a computer to carry out the steps of:

optically imaging encoded data comprising a header portion and a body portion, said header portion including a data identifier indicating the type of data in said body portion;

recognizing said data identifier and identifying the type of said encoded data that has been optically imaged based on said recognized data identifier; and

reading the contents of said encoded data in a manner suited for the type of data identified and reproducing the thus read data.

12.   (Canceled)

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13.   (Canceled)

14.   (Currently Amended) A code-reading terminal comprising:

an imaging device for optically imaging encoded data including a header portion and a body portion, said header portion including a data identifier indicating the type of data in said body portion;

a data identifying unit that recognizes said data identifier from an image of the data identifier output by the imaging device, and estimates the type of said encoded data optically imaged by the imaging device based on said recognized data identifier; and

a control unit that reads the contents of said encoded data in a manner suited for the type of data estimated by said data identifying unit and reproduces the thus read data.

15.   (Previously Presented) The code-reading terminal according to claim 14, wherein whether or not the encoded data is encrypted is determined and, if encrypted, the data is reproduced after decryption.

16.   (Previously Presented) The code-reading terminal according to claim 15, wherein the data type is determined by the data identifying unit when the encoded data is read, and wherein encrypted data is decrypted and then reproduced, while unencrypted data is displayed.

17.   (Previously Presented) The code-reading terminal according to claim 14, wherein said data identifying unit determines whether the type of the encoded data is either ring tone data or data other than ring tone data based on the recognized data identifier, and if the encoded data is determined to be ring tone data, the data in the body portion is reproduced by said control unit.

18.   (Previously Presented) The code-reading terminal according to claim 14, wherein said data identifying unit determines whether the type of the encoded data is either ring tone data or data other than ring tone data based on the recognized data identifier, and if the encoded data

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is determined to be data other than ring tone data, the data other than ring tone data is displayed on the display unit by said control unit.

19. (New)   The cellular phone according to claim 5, further comprising a plurality of audio/video reproducing units, wherein said control unit selects one of the audio/video reproducing units suited for the type of data and reproduces the thus read data using the selected audio/video reproducing unit.

20. (New)   The cellular phone according to claim 5, wherein said encoded data including said header portion and said body portion is pictorially encoded data, and said data identifying unit performs recognition of said pictorially encoded data to obtain a symbol as said recognized data identifier.

21. (New)   The ring tone data code-reading terminal according to claim 8, further comprising a plurality of audio/video reproducing units, wherein said data identifier unit recognizes said encoded data identifier to obtain a symbol, and wherein said control unit selects an audio reproducing unit from among the audio/video reproducing units based on said symbol for reproducing the thus read ring tone data.

22. (New)   The ring tone data code-reading terminal according to claim 21, wherein said encoded data comprising said header portion and said body portion is pictorially encoded data, and said data identifier unit performs recognition of said pictorially encoded data to obtain the symbol corresponding to the encoded data identifier.

23. (New)   The recording medium according to claim 11, wherein said encoded data comprising said header portion and said body portion is pictorially encoded data, and said recognizing comprises recognizing of said pictorially encoded data to obtain a symbol as said recognized data identifier.

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24. (New)   The code-reading terminal according to claim 14, wherein said encoded data including said header portion and said body portion is pictorially encoded data, and said data identifying unit performs recognition of said pictorially encoded data to obtain a symbol as said recognized data identifier.

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